



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

June 10, 2013

John McKeown
On_Scene Coordinator
U.S. Environmental Protection Agency
5 Post Office Square
Mail Code: OSR
Boston, MA 02109-3912

SUBJECT: **Atkinson** - Atkinson 1,4-dioxane, Emery Drive Area
DES Site # 200210001, Project # 12543

Business Survey Results and Summary of Water Treatment System Water Quality Data

Dear Mr. McKeown:

The New Hampshire Department of Environmental Services (Department) is forwarding the following information:

1. Business Survey Summary Dated May 2012. A PDF file with a summary of the survey conducted of commercial and industrial businesses located in several areas of Atkinson and Hampstead near Emery Drive in Atkinson, New Hampshire. Department personnel conducted the survey of these businesses in April 2012.
2. Emery Drive Treatment System Summary Dated April 15, 2103. An Excel file with a summary of the 1,4-dioxane water quality sampling results for the four residential water supply wells that have treatments systems maintained by the Department. The summary includes a table of the 1,4-dioxane results from untreated, mid-carbon and fully treated locations. In addition, there are graphs of untreated concentrations of 1,4-dioxane over time. The samples were collected by Department personnel or our contractor. Samples were analyzed at the New Hampshire Public Health Services Water Laboratory.

If you have any questions regarding this information please do not hesitate to contact me or David Bowen.

Sincerely,

John M. Regan, P.G.
Waste Management Division
Tel.: (603) 271-3744
Fax: (603) 271-2181
E-mail: john.regan@des.nh.gov

Attachments

cc: David McIntyre, USEPA
Mike Nalipinski, USEPA
John Hultgren, USEPA
David Bowen, NHDES

DES Web Site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095
Telephone: (603) 271-2908 Fax: (603) 271-2181 TDD Access: Relay NH 1-800-735-2964

Samples taken: 29

Facility	Other History/Information	Well/Treatment Info.	Sample Results
Advance Design 1 Gigante Drive Hampstead, NH 03841 (603) 329-9515	Moved to Portsmouth www.advanceddesign.com Provides & creates drawings, schematics, & designs Survey Done: No Water Sampled: No	1 Gigante Drive PWS ID: 1038050	1 Gigante Drive ND
Anglo Tool & Die 1 Gigante Drive Hampstead, NH 03841 (603) 329-4513	closed during the inspection Survey Done: No Water Sampled: No		
Global Bean Coffee Co. 1 Gigante Drive Hampstead, NH 03841 (603) 329-3644	closed during the inspection Open M-F 10-4 www.globalbeancoffee.com Survey Done: No Water Sampled: No		
Cherry Village Pizza 1 Gigante Drive Hampstead, NH 03841 (603) 329-7556	Contact Name: Dimitios Cacavitas Survey Done: Yes Water Sampled: Yes www.cherryvillagepizza.com		
A & B Etc Upholstery 1 Gigante Drive Unit #4 Hampstead, NH 03841 (603) 329-0220	closed during the inspection www.aandbetc.com repair upholstery Survey Done: No Water Sampled: No		
Green World 1 Gigante Drive Hampstead, NH 03841 (603) 329-6155	Contact Name: Rick Morgan www.ourgreenworld.net provides "Green" lawn services Survey Done: Yes Water Sampled: No		
Edgefield Veterinary Hospital 1 Gigante Drive Hampstead, NH 03841 (603) 329-6553	www.edgefieldvet.com Survey Done: No Water Sampled: No		
QD Machine Co. 1 Gigante Drive Unit #3 Hampstead, NH 03841 (603) 329-1151	closed during the inspection Survey Done: No Water Sampled: No		
Bill Philips Auto 269 Stage Road/1 Gigante Drive Hampstead, NH 03841	Contact Name: Pat & William Philips Survey Done: Yes Water Sampled: Yes www.philipsautonh.com NHD982203770 active Used Oil burner	269 Stage Road	269 Stage Road Trace MTBE

Figlioli Welding-Iron Works 2 Gigante Drive Hampstead, NH 03841 (603) 329-1118	Did not interview Survey Done: No Water Sampled: No	2 Gigante Drive	2 Gigante Drive
Global Glass Works, LLC 4 Gigante Drive Hampstead, NH 03841 (603) 329-3449	www.globalglassworksllc.com Residential & commercial glass closed during the inspection Survey Done: No Water Sampled: No Property Owner: Richard Towne	4 Gigante Drive	4 Gigante Drive ND
Fluid Grafix 4 Gigante Drive Hampstead, NH 03841 (603) 505-1562	Contact Name: Randy Kerkman Water Sampled: Yes Survey Done: Yes www.fluid-grafix.com hydrographic printing Non-Notifier-generates paint, solvent, lacquer thinner. Owner: Richard Towne Refer to Hazardous Waste Bureau Refer to Ground Water Protection Bureau		
Green Machine Sales, LLC/ BSE Recycling Works 5 Gigante Drive Hampstead, NH 03841 (603) 329-7337	Contact Name: John Green Water Sampled: Yes Survey Done: Yes www.greenmachinesales.com www.bserecycle.com sell conveyors for recycling Property Owner: John & Janice Green Former Notified Generator: Auto Electric Service NHD982745499 Inactive, never manifested Had a parts washer Non-Notifier: Used Oil burner >3,000 gallons of hydraulic oil stored outdoors Refer to Hazardous Waste Bureau Refer to AST Program	5 Gigante Drive	5 Gigante Drive
Venture Automotive 6 Gigante Drive Hampstead, NH 03841 (603) 329-6535 Mailing Address: P.O. Box 747 East Hampstead, NH 03841	Contact Name: Paul Lavoie Property Owner: Richard Towne Water Sampled: Yes Survey Done: Yes	6 Gigante Drive Well ID: 104.1057 Total Depth: 320 feet To Bedrock: 6 feet Casing: 20 feet Static: 25 feet Well also serves #10 & #12 Gigante Drive	6 Gigante Drive PCE

S&S Machine/Ted Wojcik Bicycles 6 Gigante Drive Hampstead, NH 03841	NHD5000189108 Inactive Shipped Paint related material no longer at this location Survey Done: No Water Sampled: No www.sandsmachine.com		
Mortgage Assistance, LLC 7 Gigante Drive Hampstead, NH 03841 (603) 329-3797	Did not interview Survey Done: No Water Sampled: No	7 Gigante Drive	7 Gigante Drive
Hampstead Machine Co. 7 Gigante Drive Hampstead, NH 03841 (603) 329-7820	NHD510125743 Declassified 11/29/2004- Parts washer No longer operating at this location Survey Done: No Water Sampled: No		
Leusin Microwave 8 Gigante Drive Hampstead, NH 03841 (603)329-7270	Contact Name: Jim Dore Water Sampled: Yes Survey Done: Yes www.leusin.com	8 Gigante Drive	8 Gigante Drive PCE
JD Machine 8 Gigante Drive Hampstead, NH 03841			
Ansa Graphic Services 9 Gigante Drive Hampstead, NH 03841 (603) 329-7277	Contact Name: Dan Angelo Commercial Printer www.ansagraphics.com Survey Done: Yes Water Sampled: No	9 Gigante Drive Well ID: 104.1015 Total Depth: 300 feet To Bedrock: 16 feet Casing: 31 feet Static: 20 feet This well serves #7 & #9	9 Gigante Drive ND
H Sauer & Sons 9 Gigante Drive Hampstead, NH 03841 (603) 498-5351	Water Sampled: Yes Survey Done: Yes		
Brantley Corp. 10 Gigante Drive Hampstead, NH 03841 (603) 329-4873	Closed during the inspection Residential Builders Survey Done: No Water Sampled: No	10 Gigante Drive Well ID: 104.1057 Total Depth: 320 feet To Bedrock: 6 feet Casing: 20 feet Static: 25 feet Well also serves #6 & #12 Gigante Drive	10 Gigante Drive
Crestwood Millwork of N E 10 Gigante Drive Hampstead, NH 03841 (603) 329-9620	Closed during the inspection Facebook Page Survey Done: No Water Sampled: No Former Notified Generator at 10 Gigante Drive Excalibur Precision Machine NHD500023221 Declassified 10/15/2003 Generated Oil/water		
Psycho Customs 12B Gigante Drive	Closed during the inspection Facebook Page	12 Gigante Drive Well ID: 104.1057	12 Gigante Drive

Hampstead, NH 03841 (603) 329-3414	Survey Done: No Water Sampled: No	Total Depth: 320 feet To Bedrock: 6 feet	
Dyson Pianos 12 Gigante Drive Hampstead, NH 03841	Closed during the inspection Fix/ tune pianos Survey Done: No Water Sampled: No	Casing: 20 feet Static: 25 feet	
Braley & Walker 12 C Gigante Drive Hampstead, NH 03841 (603) 329-3520	Contact Name: Douglas Walker- President Did not interview www.braleyandwalker.com Survey Done: No Water Sampled: No design & build custom machinery	Well also serves #6 & #10 Gigante Drive	
Pro-Finishing 13 Gigante Drive Hampstead, NH 03841 (603)329-8344	Contact Name: Fran Beaudry Water Sampled: Yes Survey Done: Yes www.profinishing.com liquid finishing, powder coating, silk screening Property Owner: 13 Gigante Drive, LLC NHD981891187 Inactive Never shipped	13 Gigante Drive	13 Gigante Drive ND
Met-L 17 Gigante Drive Hampstead, NH 03841 (603) 329-4620	No longer operating at this location Property Owner: Richard Towne 235-9971 Former Notified Generator at 17 Gigante Drive Kens Auto Repair NHD510132228 Inactive Never shipped King Machine, Inc. (Unit 1) NHD510111586 Inactive	17 Gigante Drive	17 Gigante Drive .5 ug/L Chloroform 20 ug/L Methylene Chloride
Underground Cycle 17 Gigante Drive Unit 3 Hampstead, NH 03841 (603) 329-6161	Property Owner: Richard Towne 235-9971 Contact Name: John Bowe Facebook Page Survey Done: Yes Water Sampled: No		
Advantage Trucking 17 Gigante Drive Unit 4 Hampstead, NH 03841	Property Owner: Richard Towne 235-9971 Contact Name: Jason Kight Facebook Page Survey Done: Yes Water Sampled: No		
TEAM Solutions 17 Gigante Drive Unit 1 Hampstead, NH 03841 (978) 420-2389	Contact Name: John Kennedy Property Owner: Richard Towne 235-9971 Water Sampled: Yes Survey Done: Yes Non-Notifier: Methylene Chloride Vapor Degreaser Refer to Hazardous Waste Bureau		
Factory Forty Five Motorsports 17 Gigante Drive Unit 2 Hampstead, NH 03841	Contact Name: Steffen Dager Property Owner: Richard Towne 235-9971 Survey Done: Yes Water Sampled: No		

(603) 235-9771			
Barlow Architectural Millwork 30 Gigante Drive Hampstead, NH 03841 (603) 329-6026	Contact: Wayne Barlow www.barlowmillworks.com NHD510183437 Active Generates Paint Waste Property Owner: Wayne S. Barlow Trustee Water Sampled: Yes Survey Done: Yes	30 Gigante Drive Well ID: 104.0864 Total Depth: 550 feet To Bedrock: 18 feet Casing: 25 feet Tax Map No. 6 Lot 111	30 Gigante Drive .8 ug/L toluene
James Holland DDS 35 Gigante Drive Hampstead, NH 03841 (603) 329-9955	Contact Name: Dr. James Holland Water Sampled: Yes Survey Done: Yes Property Owner: Ortholand, LLC www.hollandortho.com	35 Gigante Drive Well ID: 104.0966 Total Depth: 360 feet To Bedrock: 12 feet Casing: 31 feet Static: 12 feet Treatment System	35 Gigante Drive carbon di-sulfide
Jameson's Excavation 40 Gigante Drive Hampstead, NH 03841 (603) 329-4350	No one available during inspection Refer to Ground Water Protection Bureau 6-10 Full 55-gallon drums outside- contents reported to be oil Property Owner: Jameson K. Hill Survey Done: No Water Sampled: No Facebook Page	40 Gigante Drive Well ID: 104.0965 Total Depth: 100 feet To Bedrock: 13 feet Casing: 30 feet Static: 10 feet	40 Gigante Drive dichlorodifluoromethane below AQGS
DP Auto Repair 40 Gigante Drive Unit 6 Hampstead, NH 03841 (603) 329-4567	Contact Name: Don Perry Property Owner: Jameson K. Hill Water Sampled: Yes Survey Done: Yes		
Petra Paving, Inc. 40 Gigante Drive Unit 2 Hampstead, NH 03841 (603) 382-9900	Property Owner: Jameson K. Hill Did not interview Survey Done: No Water Sampled: No www.petrapaving.com		
Expedition Drilling 40 Gigante Drive Unit 6 Hampstead, NH 03841 (603) 329-5692	Property Owner: Jameson K. Hill No longer at this location www.expeditiondrilling.com Survey Done: No Water Sampled: No		
Hampstead Dance Academy 40 Gigante Drive Hampstead, NH 03841	Closed during the inspection Survey Done: No Water Sampled: No www.hampstead-dance.com		
Dutton & Garfield, Inc. 43 Gigante Drive Hampstead, NH 03841 (603) 329-5300	Did not interview Survey Done: No Water Sampled: No Property Owner: Hampstead Wildwood, Dev. LLC Tax Map 6 Lot 106 Metal Building Contractors www.duttongarfield.com	43 Gigante Drive Well ID: 104.0946 Total Depth: 160 feet To Bedrock: 4 feet Casing: 22 feet Static: 5 feet	43 Gigante Drive ND

Traynor Glass Co., Inc. 43 Gigante Drive Hampstead, NH 03841 (603) 329-6668	Contact Name: Daniel Traynor- President www.traynorglass.com Survey Done: Yes Water Sampled: No Property Owner: Hampstead Wildwood, Dev. LLC Tax Map 6 Lot 106		
Samson Fastener Co. 43 Gigante Drive Hampstead, NH 03841 (603) 329-4313	Contact Name: Thomas Cusano Water Sampled: Yes Survey Done: Yes Property Owner: Hampstead Wildwood, Dev. LLC Tax Map 6 Lot 106 www.samsonfastener.com importer & distributor of fasteners		
WDW Machine, Inc. 45 Gigante Drive Hampstead, NH 03841 (603) 329-9604	Contact Name: Wilbur Webster, Jr. Property Owner: David J. Frahm Tax Map 6 Lot 107 www.wdwmachine.com make prototype metal & plastic parts Water Sampled: Yes Survey Done: Yes	45 Gigante Drive Well ID: 104.0908 Total Depth: 400 feet To Bedrock: 4 feet Casing: 21 feet Static: 25 feet	45 Gigante Drive ND
M Emeco, Inc./Gra-tec, Inc. 45 Gigante Drive Hampstead, NH 03841 (603) 329-9533	Contact Name: Janet Johnston Property Owner: David J. Frahm Tax Map 6 Lot 107 www.mem-co.com manufactures low & medium pressure manifolds www.gra-tec.com quick clip manufacturer M-Emco: Refer to Hazardous Waste Bureau Clean parts with alknox- discharge to septic Survey Done: Yes Water Sampled: No		
Party Playland 45 Gigante Drive Hampstead, NH 03841 (603) 329-9444	Closed during the inspection www.partyplaylandnh.com Property Owner: David J. Frahm Tax Map 6 Lot 107		
SNF Crane 45 Gigante Drive Hampstead, NH 03841 (800) 315-8445	Owner not present; asked to come back later Property Owner: David J. Frahm Tax Map 6 Lot 107 www.snfcrane.com		
Hampstead Self Storage 45 Gigante Drive Hampstead, NH 03841	Property Owner: David J. Frahm Tax Map 6 Lot 107 Survey Done: No Water Sampled: No		
Tee Sign Pro/ TS Sandblasting 48 Gigante Drive	Contact Name: Christopher Allen Property Owner: Ruby Holdings, LLC ORCB #: 200501055	48 Gigante Drive Well ID: 104.0907 Total Depth: 300 feet	48 Gigante Drive ND

Hampstead, NH 03841 (603) 329-4259	HWC 05-004: waste sandblast grit buried www.tspnh.com Water Sampled: Yes Survey Done: Yes	To Bedrock: 5 feet Casing: 21 feet Static: 20 feet	
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Dianne Cavanagh, 1 Emery Drive, Atkinson
1,4-Dioxane Water Quality History

1,4-Dioxane (ppb)			
Date Sampled	Untreated	Mid-Carbon	Fully Treated
	AGQS = 3		
11/21/2011	17	not tested	not tested
12/9/2011	15	19	nd<0.20
1/24/2012	15	15	nd<0.20
3/8/2012	13	14	nd<0.20
6/15/2012	14	19	0.74
9/25/2012	not sampled due to oversight	12	12
12/12/2012	12	10	3.44
3/19/2013	13	3.81	nd<0.20

last cc 11/21/11
(annual pm)

ppb = parts per billion

nd<2.0 = Contaminant Not Detected Above Lab Detection Limit of 2.0 ppb

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6/10/2013

1 Emery Drive

1 Emery Drive
1,4-Dioxane Concentration vs Time
Untreated Water

